

## **DIVISION OF RADIOLOGICAL HEALTH** AND SAFETY REGULATIONS P.O. Box 2448 • Room 730 Richmond, VA 23218 (804) 864-8150

## Dental Panographic X-Ray Systems

RH-F-26 (3/07)

PAGE OF

| È         | FACILITY ID NO.             |     |   | TUBE REC  | GISTRATION NO: |    | MAKE     |         |          |  |
|-----------|-----------------------------|-----|---|---|----------------|----|----------|---------|----------|--|
| FACILIT   | NAME                        |     |   |   |                |    | MODEL    |         |          |  |
|           | NAME  SIGNATURE  SERIAL NO. |     |   |   |                |    |          |         |          |  |
| INSPECTOR | SIGNATURE                   |     |   |   |                | MA |          |         |          |  |
|           | DATE                        |     |   |   |                |    | MAX. kVp | MAX. mA | ROOM NO. |  |
| ОК        | N/A                         | N/S | S   | EVALUATION CRITERIA   |                |    |          |         |          |  |
|           |                             |     |   | 1. Warning label not present (12 VAC 5-481-1600-1). NON-SERIOUS.  |                |    |          |         |          |  |
|           |                             |     |   | 2. Multiple tubes are controlled from one control panel, but indication of the selected tube is not present at both the panel and the selected tube (12 VAC 5-481-1600-6). One missing, NON-SERIOUS, both missing, SERIOUS. |                |    |          |         |          |  |
|           |                             |     |   | 3. The X-ray field at the plane of the image receptor extends beyond any edge of the image receptor (12 VAC 5-481-1620 A3). <b>SERIOUS.</b>   |                |    |          |         |          |  |
|           |                             |     | 4. Radiographic control does not require constant operator pressure or does not terminate the exposure properly (12 VAC 5-481-1620 B1, 2, & 3). <b>SERIOUS.</b> |   |                |    |          |         |          |  |
|           |                             |     |   | 5. Exposure reproducibility: coefficient of variation is% at a technique setting of   |                |    |          |         |          |  |
|           |                             |     |   | 6. Timer reproducibility: coefficient of variation is% at a technique setting of  |                |    |          |         |          |  |
|           |                             |     |   | 7. Radiographic control switch not permanently located in an appropriate protected area or on a stretch cord of sufficient length as required (12 VAC 5-481-1620 B6 a & b). <b>SERIOUS.</b>                                 |                |    |          |         |          |  |
|           |                             |     |   | 8. Radiographic control not equipped with both visual and audible indication of X-ray production (12 VAC 5-481-1620 B2). <b>NON-SERIOUS.</b>  |                |    |          |         |          |  |
|           |                             |     |   | 9. Timer accuracy is $\pm$ % of the indicated time at sec. (12 VAC 5-481-1620F). > 10% to < 15% NON-SERIOUS, $\ge$ 15% SERIOUS.   |                |    |          |         |          |  |
|           |                             |     |   | 10. kVp accuracy is $\pm$ % of indicated kVp at kVp (12 VAC 5-481-1620F). > 10% to < 15% NON-SERIOUS, $\geq$ 15% SERIOUS.   |                |    |          |         |          |  |
|           |                             |     |   | 11. Other/Remarks:  |                |    |          |         |          |  |
|           |                             |     |   |   |                |    |          |         |          |  |
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